



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jay W. Dawson et al Docket No.: IL-11224  
Serial No. : 10/674,513 Art Unit :  
Filed : 9-29-2003 Examiner :  
For : High Power 938nm Fiber Laser and Amplifier

**Commissioner for Patents**  
**Alexandria, VA 22313-1450**

**CERTIFICATE OF MAILING UNDER 37 CFR 1.8(a)**

I hereby certify that the *attached* correspondence comprising:

1. Information Disclosure Statement (1 page)
2. Information Disclosure Statement, Form PTO-1449  
1 U.S. Patent Document, 6 Other Disclosures
3. Return Postcard

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Alexandria, VA 22313-1450

Dear Sir:

Forwarded herewith is an Information Disclosure Statement, Form-1449, in the above-identified application. Copies of the cited references are enclosed: 1 U.S. Patent, and 6 non-patent documents. This item of information was first cited in a PCT International Search Report dated 17 March 2005 in a counterpart foreign application.

The above-mentioned disclosures, which are not admitted as prior art, are identified on the enclosed Form 1449.

Please charge Deposit Account 12-0695 in the amount of \$180.00

Respectfully submitted,

Dated: 5/3/05

A handwritten signature in black ink, appearing to read "Alan H. Thompson".

Alan H. Thompson  
Attorney for Applicants  
Registration No. 29,981  
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Enclosures: As noted above



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Substitute for form 1449A/PTO		Complete if Known	
<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <small>(use as many sheets as necessary)</small>		Application Number	10/674,513
		Filing Date	9-29-2003
		First Named Inventor	Jay W. Dawson et al
		Group Art Unit	
		Examiner Name	
Sheet	1	of	2
		Attorney Docket Number	IL-11224

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T e
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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Standard S1.16 if possible. An applicant is to place a checkmark in the box preceding "Yes" if applicable. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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				Group Art Unit	
				Examiner Name	
				Attorney Docket Number	IL-11224

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		DAWSON JAY W ET AL: "high power 938 nm cladding pumped fiber laser". Proceedings of SPIE, The international Society for Optical Engineering – Advances in Fiber Lasers, vol. 4974, 27 January 2004 (2003-01-27), pages 75-82, XP002321582 SAN JOSE, CA, UNITED STATES, the whole document.	
		ZENTENO L.A. ET AL: "1 W single-transverse-mode Yb-doped double-clad fibre laser at 978 nm" ELECTRONICS LETTERS, IEE STEVENAGE, GB, vol. 37, no. 13, 21 June 2001 (2001-06-21), pages 819-820, XP006016776, ISSN: 0013-5194 cited in the application the whole document.	
		JEONG H. ET AL: "Continuous wave single transverse mode laser oscillation in a Nd-doped large core double clad fiber cavity with concatenated adiabatic tapers". OPTICS COMMUNICATIONS, NORTH-HOLLAND PUBLISHING CO. AMSTERDAM, NL, vol. 213, no. 1-3, 15 November 2002 (2002-11-15), pages 33-37, XP004391491, ISSN: 0030-4018, page 34; figure 1.	
		HAYWARD R.A. ET AL: "Efficient cladding-pumped Tm-doped silica fibre laser with high power singlemode output at 2 &micro; m". ELECTRONICS LETTERS, IEE STEVENAGE, GB, vol. 36, no. 8, 13 April 2000 (2000-04-13), pages 711-712, XP006015130, ISSN: 0013-5194, page 711, left-hand column, line 34 – line 36.	
		GALVANAUSKAS A. ET AL: "Millijoule femtosecond all-fiber system". Conference On Lasers and Electro-Optics. (Cleo 2001). Technical Digest. Postconference Edition. Baltimore, MD, May 6-11, 2001, Trends in Optics and Photonics. (TOPS), US, Washington, WA: OSA, US, vol. vol. 56, 6 May 2001 (2001-05-06), pages 1-2, XPO010559483. ISBN: 1-55752-662-1, page 1, left-hand column; figure 2.	
		PHILIPPE L. ET AL: "Experimental study of pump power absorption along rare-earth-doped double clad optical fibres". Optics Communications, North-Holland Publishing Co., Amsterdam, NL, vol. 218, no. 4-6, 1 April 2003 (2003-04-01), pages 249-254, XP004416676, ISSN: 0030-4018, table 1.	

Examiner Signature	Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

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